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CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATION REPORT

COUNTRY USSR (Estonia)

SUBJECT Power Generating Facilities

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DATE OF INFO

THIS IS UNEVALUATED INFORMATION

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1. TALLINN

Installed capacity:	19,200 KW
Peak load:	11,600 KW
Production in 1940:	38.1 million KWH
Type of plant:	Five Turbo - steam units. Boilers fired with oil shale.
Comments:	This plant was partially destroyed when the Soviets evacuated Estonia in the summer of 1941; however, all transmission and distribution lines and transformers were left in tact. This plant was never fully restored to its full capacity during the German occupation; and in 1944 the yearly production was approximately one-third of the 1940 production.

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2. **ELLAMAA**

Installed Capacity:	8,500 KW
Peak load:	4,700 KW
Production in 1940:	16.2 million KWH
Type of Plant:	Three Turbo steam units. Boilers fired with peat.
Comments:	This plant is located approximately 40 miles SW of Tallinn and north of the highway and railroad running between Tallinn and Haapsalu. This plant was partially destroyed during the Soviet invasion of Estonia in the summer of 1941, although all transmission and distribution lines and transformers were left in tact. By the fall of 1944, the power plant was almost restored to full production. The power plant at Ellamaa furnishes all the power for the Rapla district.

3. **ULILA**

Installed capacity:	5,250 KW
Peak load:	4,000 KW
Production in 1940:	11.9 million KWH
Type of plant:	Three Turbo steam units. Boilers fired with peat.
Comments:	This plant furnished power for the Tartu, Viljandi, and Poltsamaa district. This plant was completely destroyed by the Germans in the fall of 1944, but left in tact transmission and distribution lines and transformers. This plant has now been completely restored by the USSR.

4. **PUSSI**

Installed capacity:	3,740 KW
Peak load:	approximately 4,000 KW
Production in 1940:	10.0 million KWH
Type of plant:	Two Turbo steam units, using oil shale.
Comments:	The management of this plant was consolidated with that of the Narva Power Plant. This plant is located approximately 45 miles west of Narva between the railroad and highway running to Rakvere and Narva, and furnishes power for the Rakvere district.

5. **NARVA**

Installed capacity:	3,520 KW
Peak load:	approximately 3,500 KW
Production in 1940:	28.0 million KWH
Type of plant:	Hydroelectric.

6. **PARNU**

Installed capacity:	475 KW
Peak load:	-
Production in 1940:	1.6 million KWH
Type of plant:	Steam engines, with boilers fired with peat.

7. **PETSERI**

Installed capacity:	240 KW
Production in 1940:	0.2 million KWH
Type of plant:	One generator powered by diesel engine.

8. **KURESSAARE**

Installed capacity:	240 KW
Production in 1940:	0.2 million KWH
Type of plant:	One generator powered by diesel engine.

9. **MUSTVEE**

This small village of less than one thousand inhabitants had its own electric plant, which was powered by diesel engines and had a peak load of 60 KW.

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